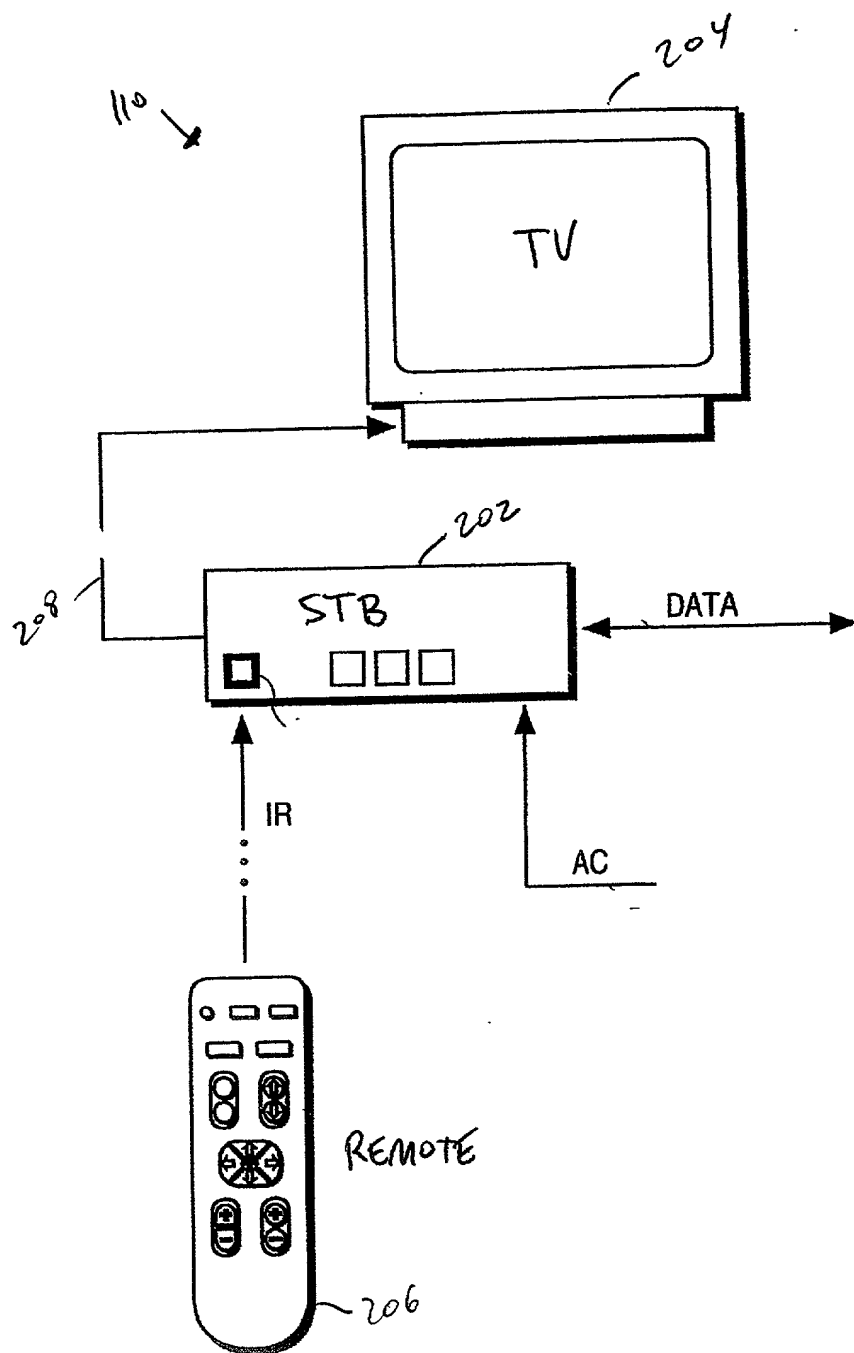
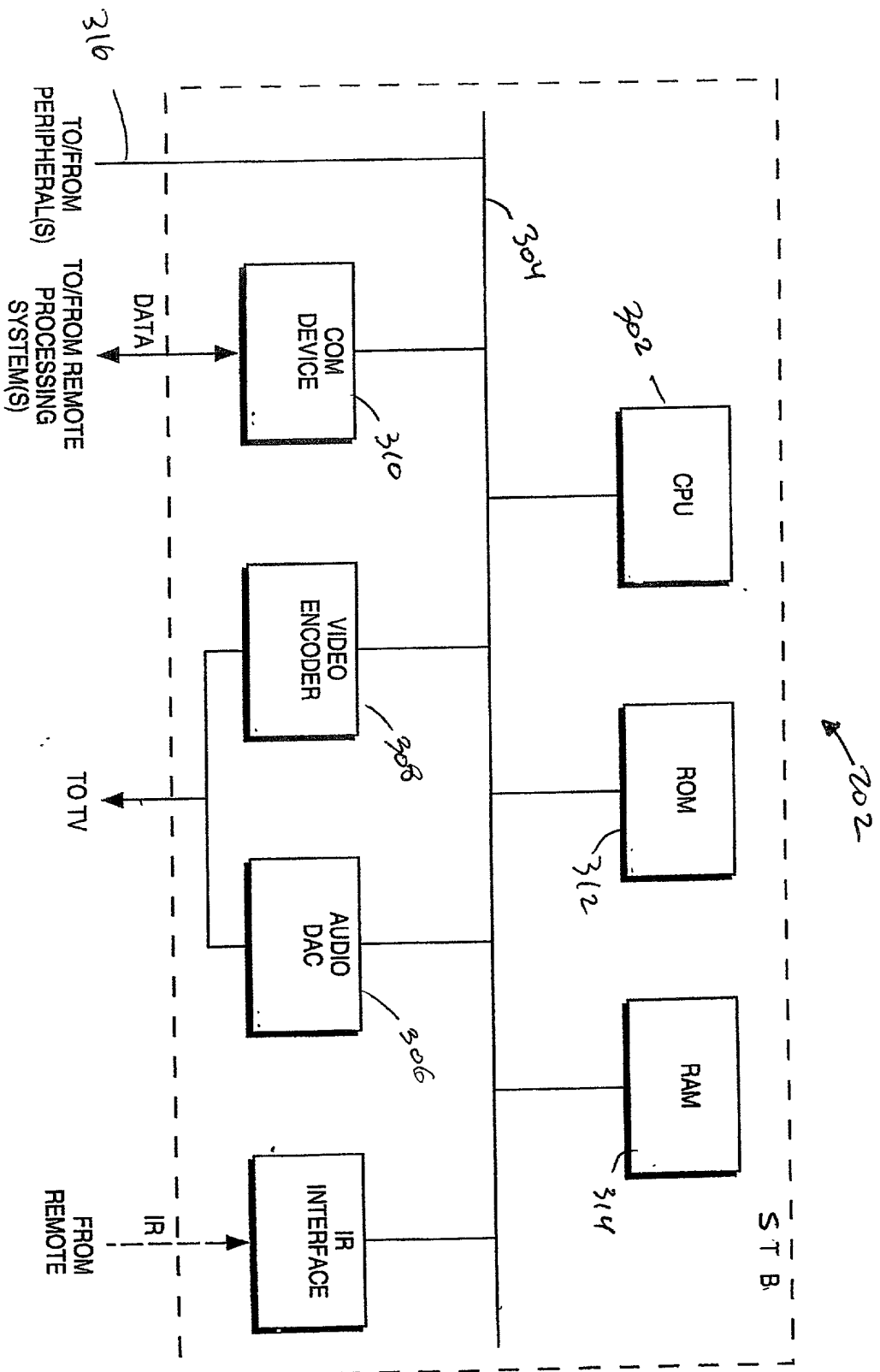


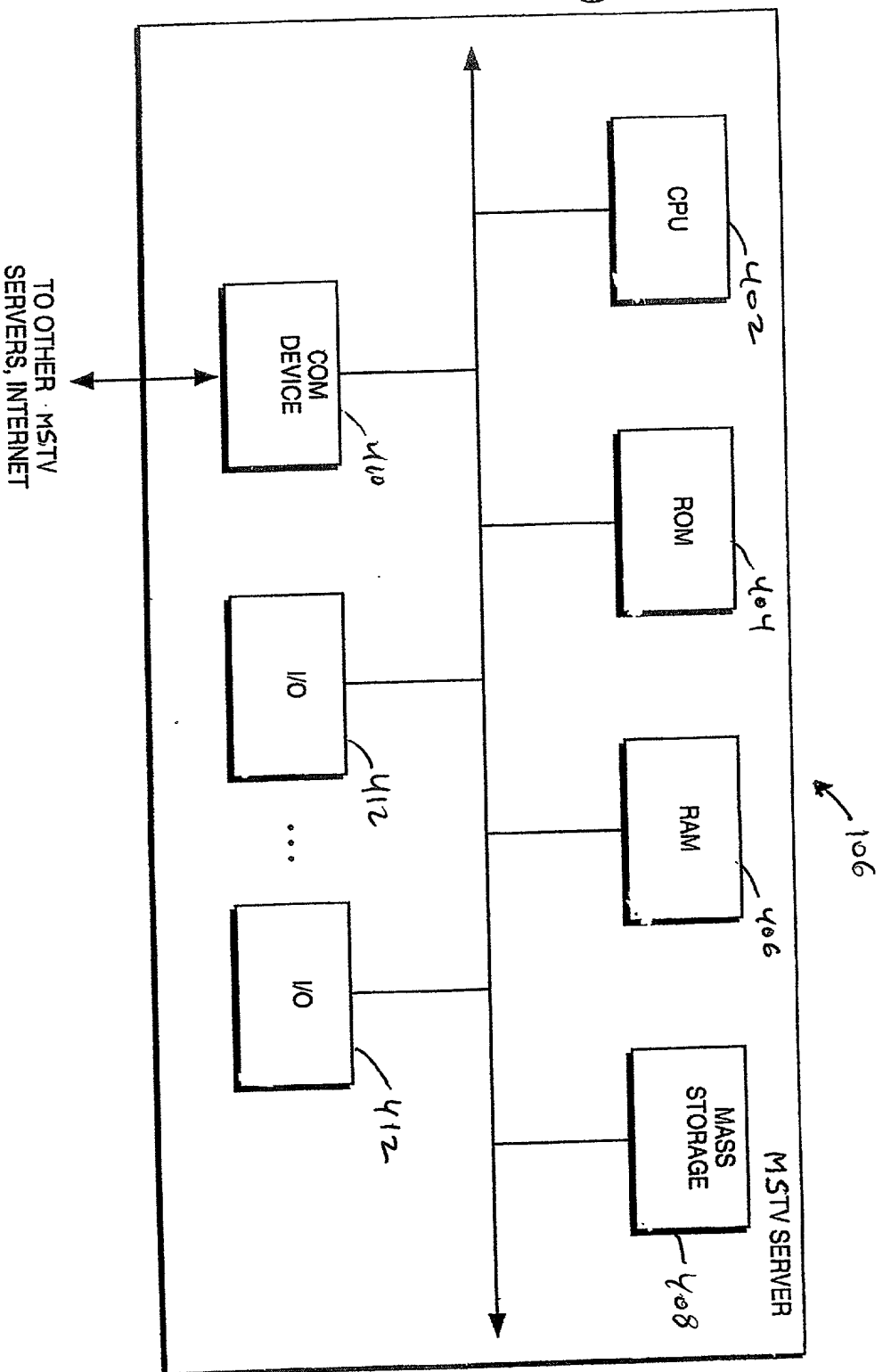
**FIG. 1**



**FIG. 2**

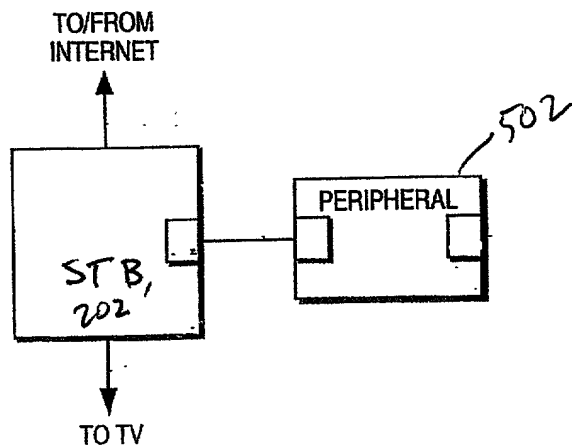


**FIG. 3**



**FIG. 4**

FIG. 5



**FIG. 5**

602

Detect Device Event, 604



Transmit Request to Obtain  
Software or Data, 606



Select Software or Data  
From First Source, 608



Receive Selected Software  
Or Data From First Source, 610

FIG. 6A

612

Detect Device Event, 614



Transmit Request to  
Obtain Software or Data, 616



Select Software or Data  
For Peripheral Device, 618



Receive Software or Data  
From First Source, 620

FIG. 6B

622

Detect Device Event, 624



Execute Corresponding Function, 625

FIG. 6C

FIG. 6C



626

Receive Peripheral Device Signal, 628



Process Signal to Generate  
Intermediary Signal, 630



Transmit Intermediary Signal  
To Digital Processing System, 632

FIG. 6D

FIG. 6D

634

Receive peripheral device signal, 636



Process peripheral device signal, 638



Execute corresponding function, 640



Open Communications Channel Between  
Client and Data/Software Source, 642

FIG. 6E

CLIENT

SERVER

DETECT INSTALLATION OR OTHER  
EVENT FROM PERIPHERAL DEVICE, 644

↓

DETERMINE BROWSER CONTENT  
AND/OR CONTROL REQUIRED, 646

↓

INSTRUCT BROWSER TO NAVIGATE  
TO E-COMMERCE OR OTHER URL, 648

↓

PROMPT USER AS REQUIRED, 650

↓

TRANSMIT E-COMMERCE OR  
OTHER DATA TO SERVER, 652

RECEIVE E-COMMERCE OR  
OTHER DATA FROM CLIENT, 654

↓

DETERMINE APPROPRIATE  
RESPONSE, 656

↓

DOWNLOAD E-COMMERCE OR  
OTHER DATA TO CLIENT, 658

RECEIVE E-COMMERCE OR  
OTHER DATA FROM SERVER, 660

FIG. 6F

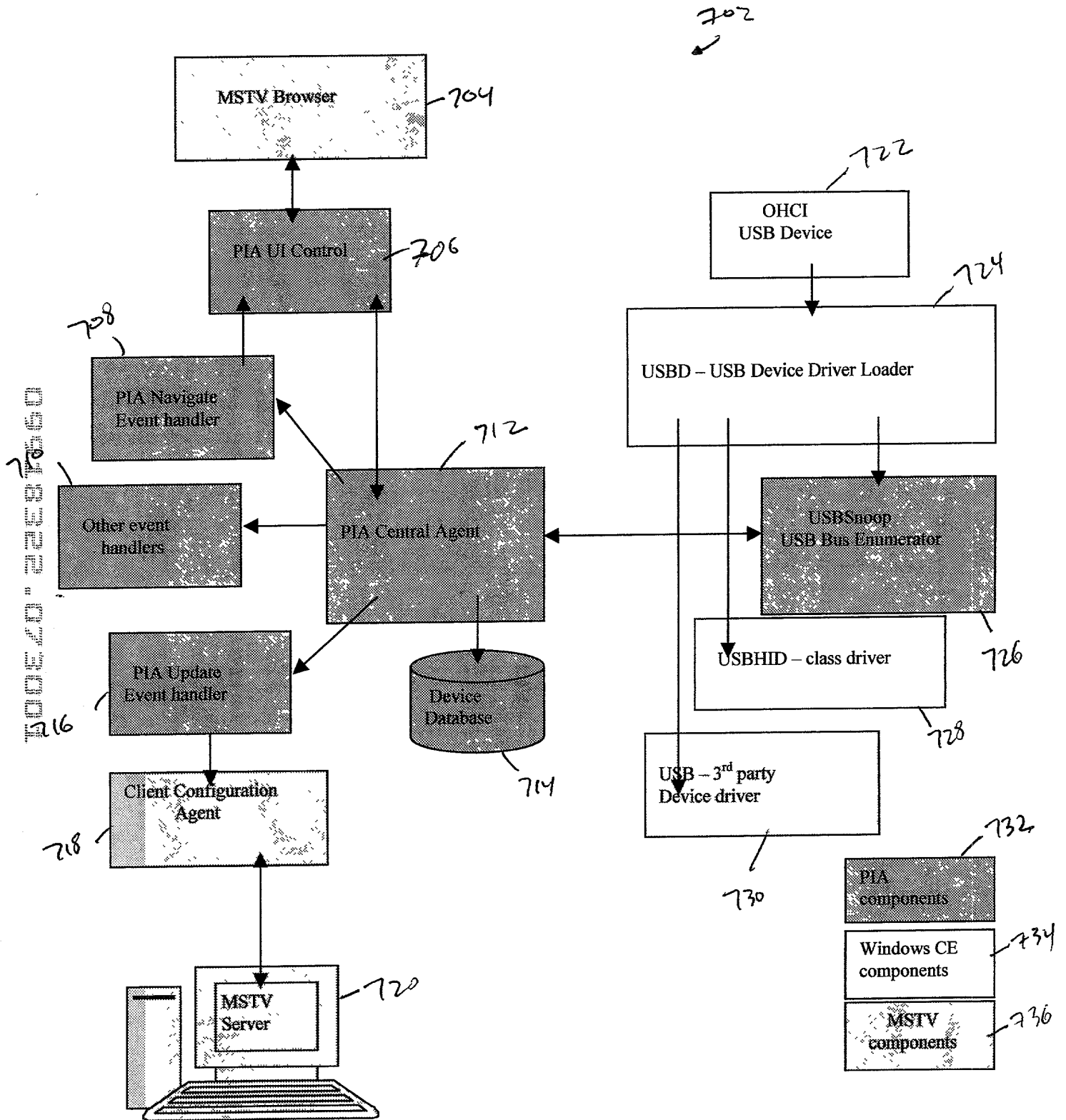


FIG. 7

702~

724

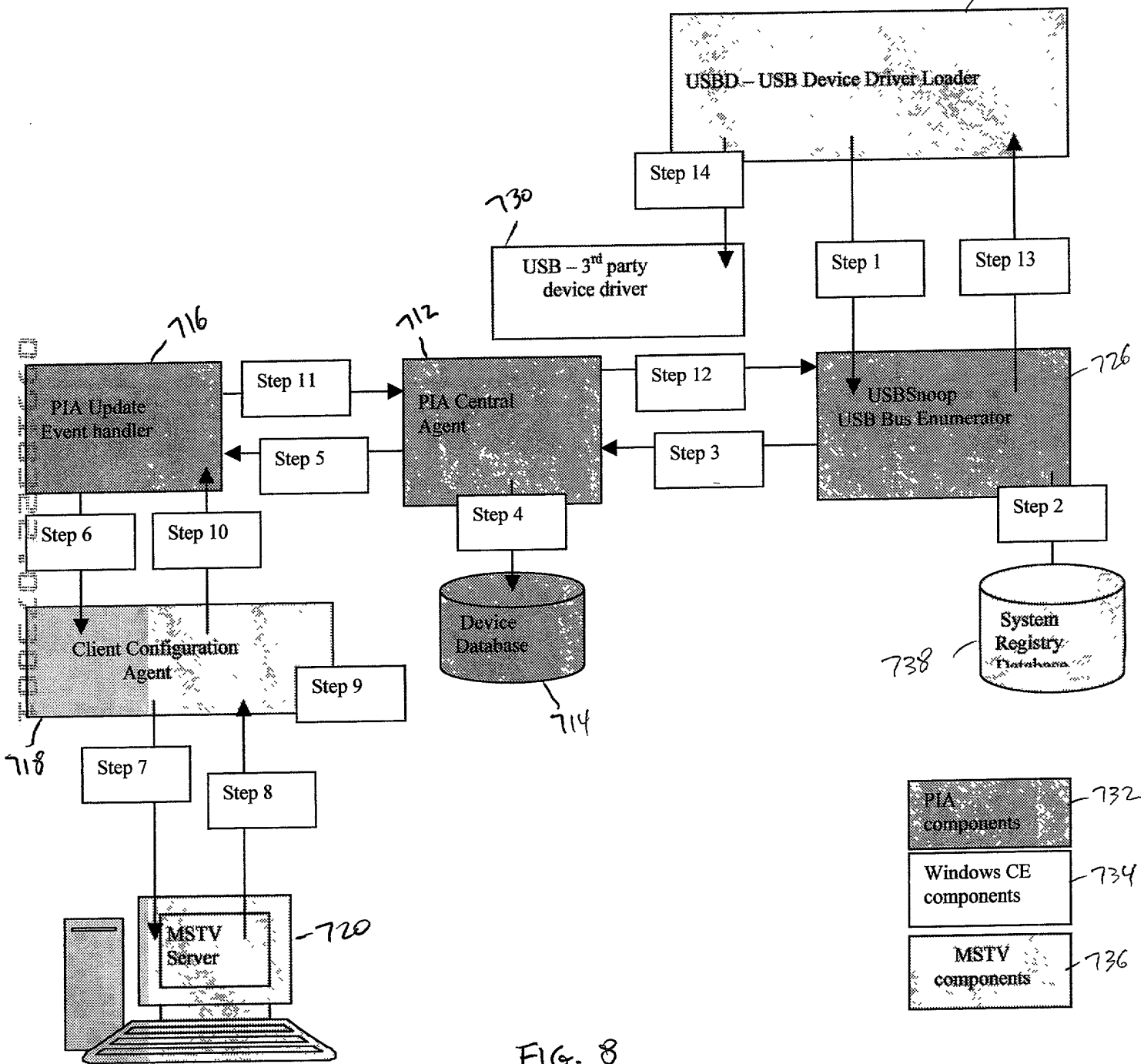


FIG. 8

Downloaded from www.gettrials.com

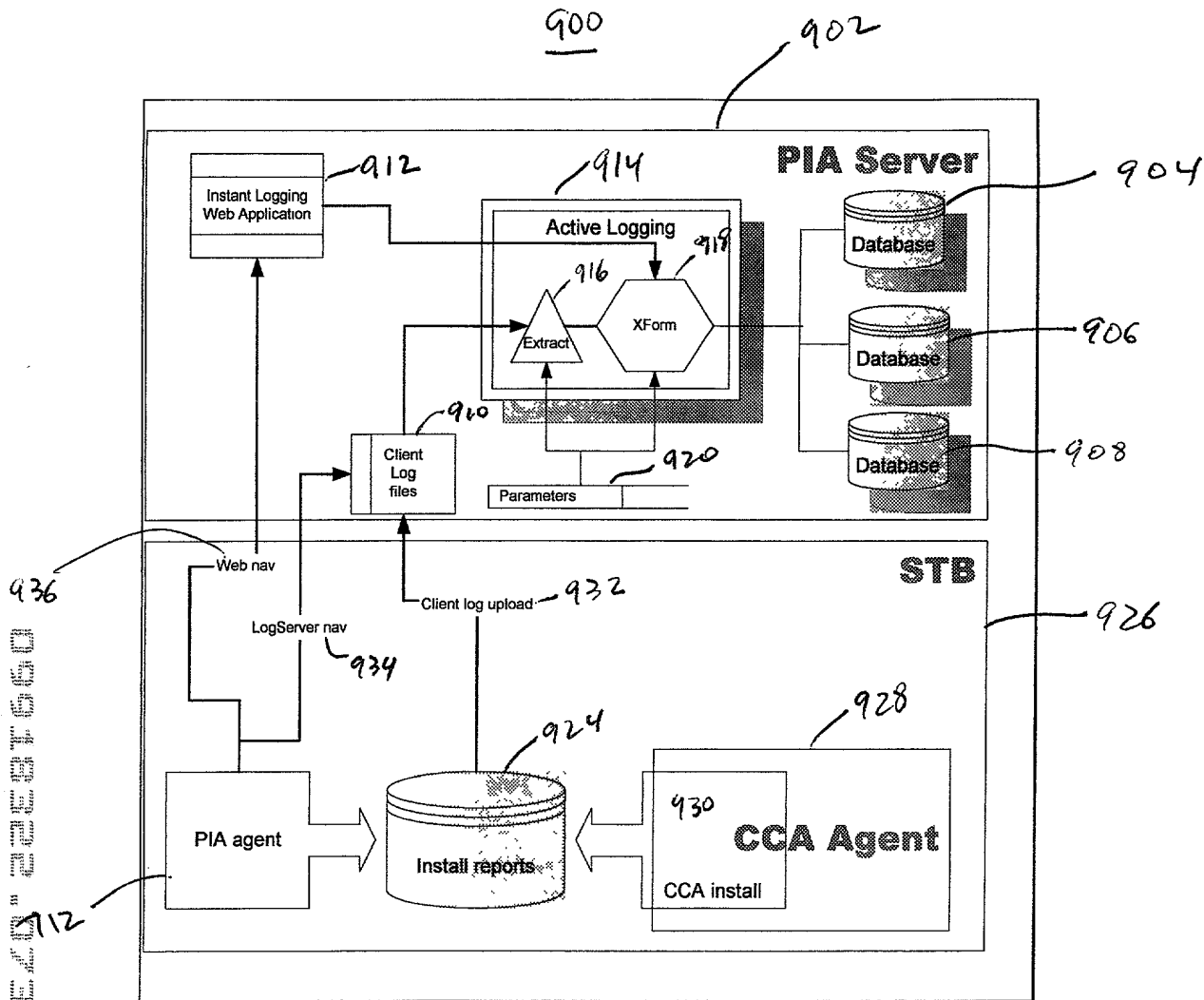


FIG. 9

**Non-Interactive:**

Step 1: *O* adds entry to handle *d*'s insertion into *s* into *PIADevice.xml*, and updates *CCS*



Step 2: *O* prepares Extractor XSL Stylesheet, Defines How *STB ID* Is Transformed Into User ID, Adds Other Details *W* Needs to Complete Transaction



Step 3: Client Assembles Data and Message Structure, Sends Message



Step 4: *S* Receives Message and Creates User Record



Step 5: *S* forwards record to *E*; *E* enters transaction in Its Processor

**Interactive:**

Step 1: *O* adds entry to handle *d*'s insertion into *s* into *PIADevice.xml* and updates *CCS*



Step 2: *O* prepares Transformer XSL Stylesheet (w/ URL of Website where appropriate)



Step 3: *PIADEVICE.xml* Contains, for *d*'s Activation on *s*, NAVIGATE Directive to Direct Packaging of Arguments; Request in HTTP to Web Server



Step 4: Web Server Creates Customer Record, Uses XSL Transformation Stylesheet to Prepare Record, and Where Appropriate, *w* Connects Interactive Application on *e* to *s*, Sending *e* the Initial Data it Transformed

FIG. 10

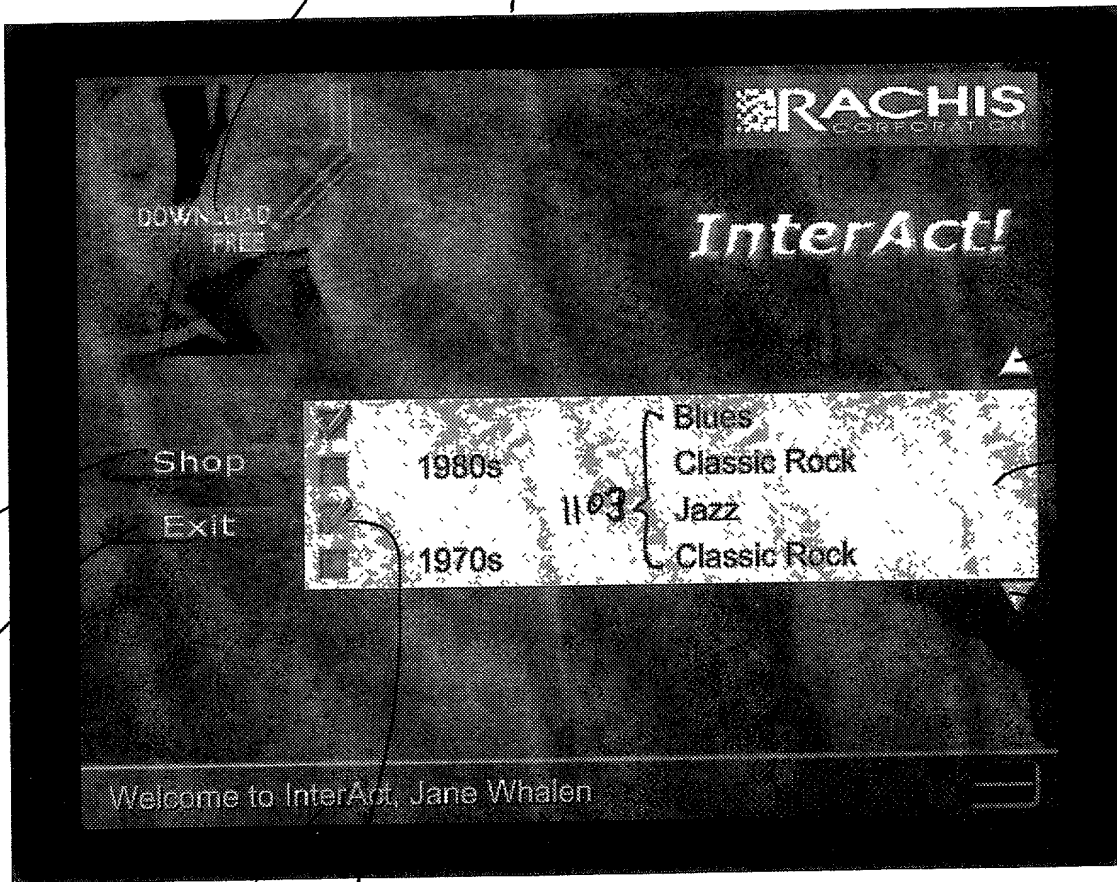


FIG. 11



0518322-073001

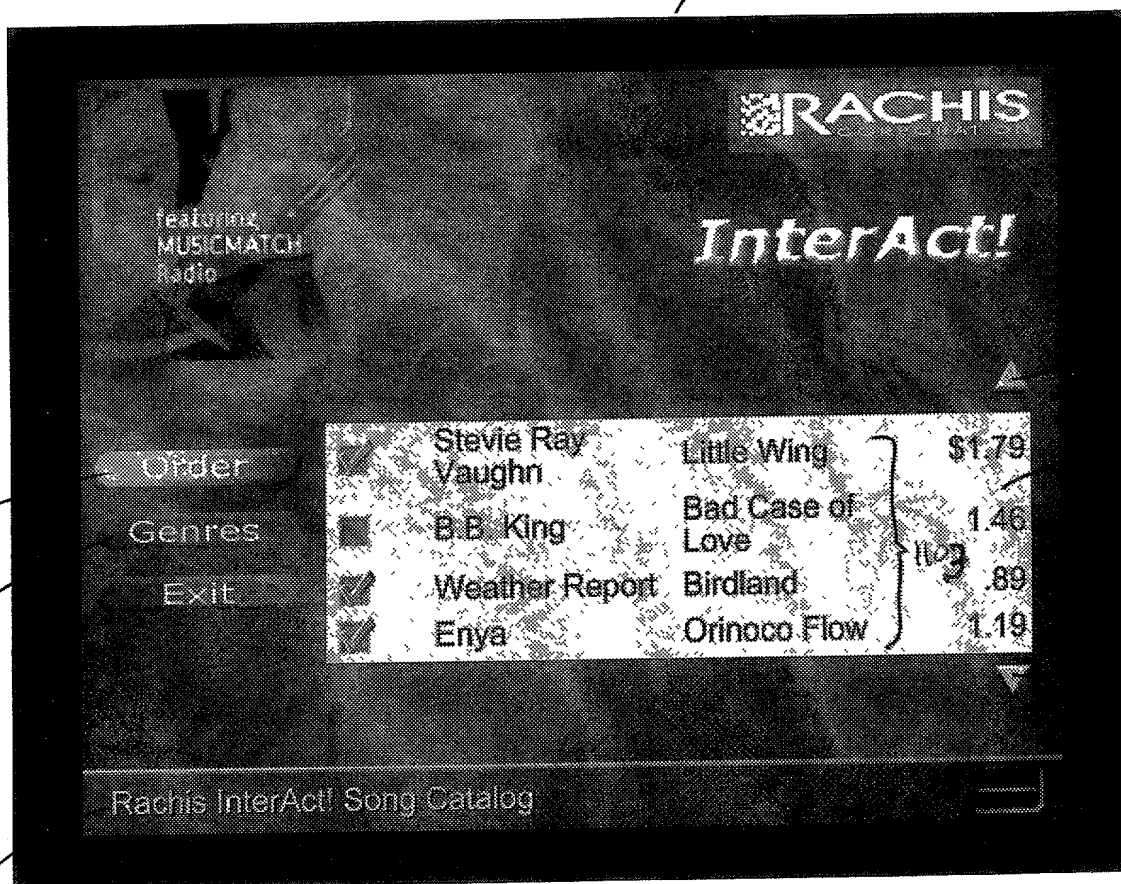


FIG. 12



FIG. 13

FIG. 14

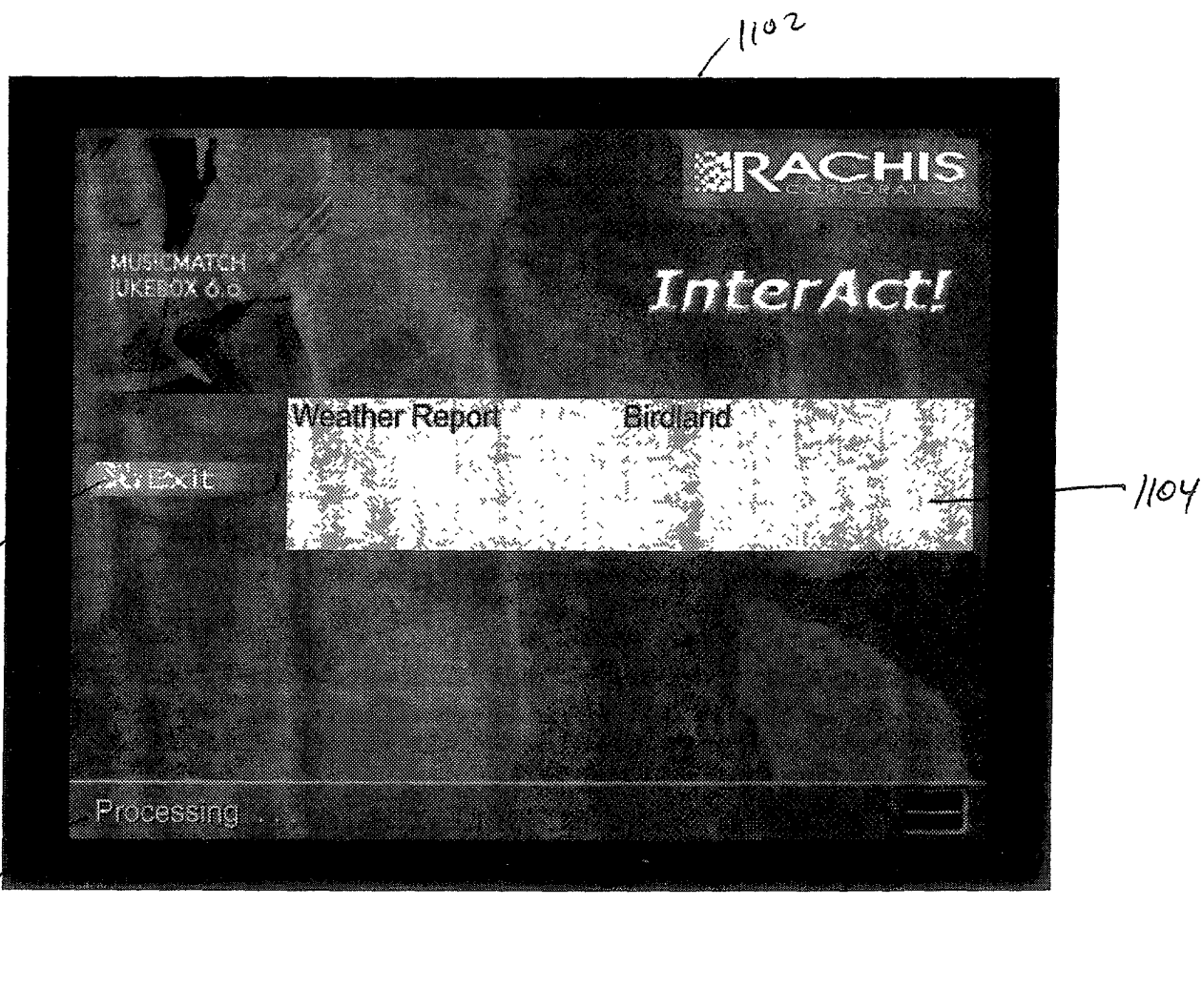


FIG. 14

FIG. 15

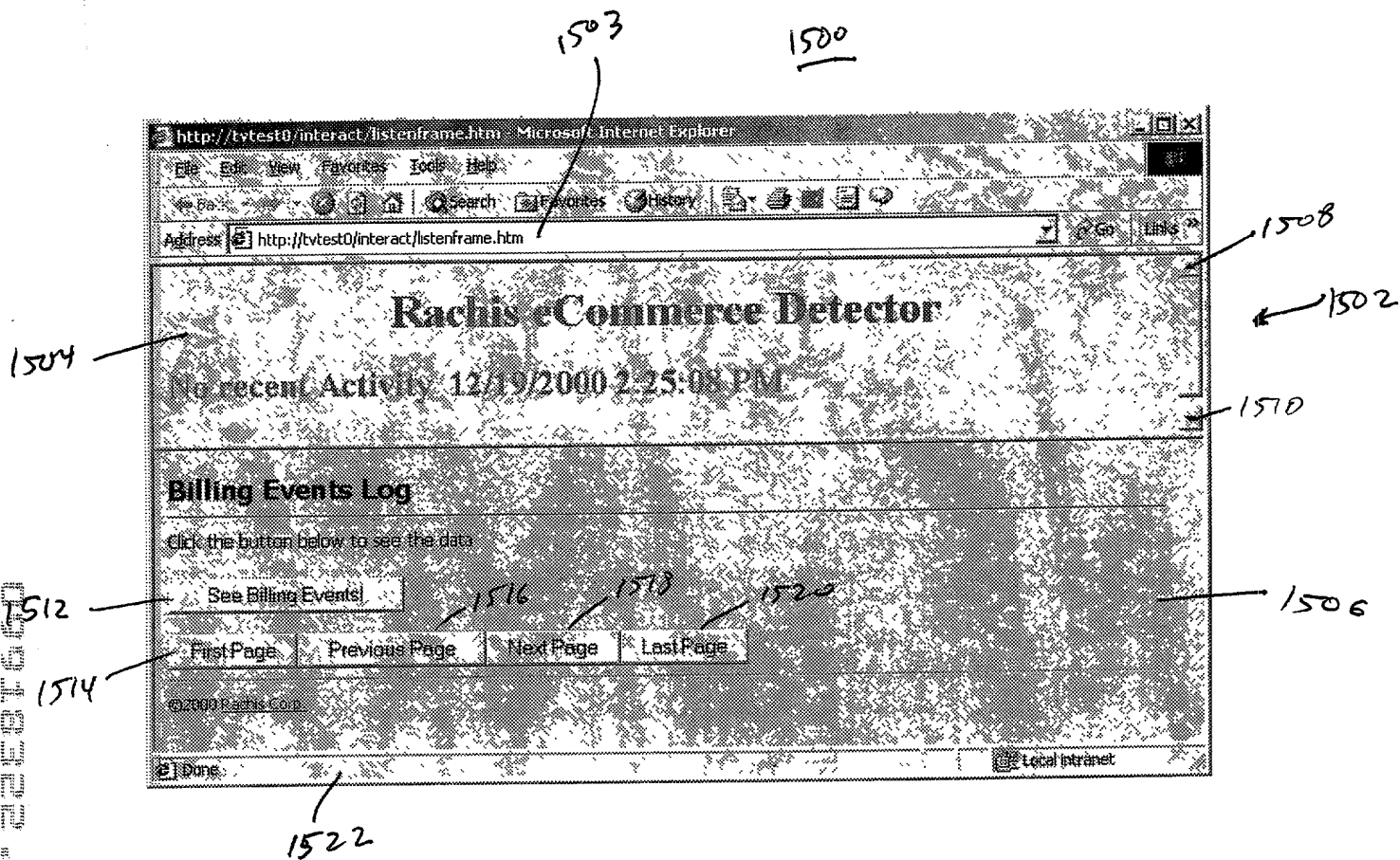


FIG. 15


http://tvtest0/interact/listenframe.htm - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History

Address http://tvtest0/interact/listenframe.htm Go Links

## Rachis eCommerce Detector



[Check Again](#)

Lin Cazals bought a 23  
for \$2.25 using 815 on 12/19/2000 1:32:16 PM

### Billing Events Log

Click the button below to see the data:

[See Billing Events!](#)

| subscriberid                         | BillingEventType | Weesa | BillingEventAmount |
|--------------------------------------|------------------|-------|--------------------|
| 914BC332-2192-4999-BC60-8367835D5241 | 27               | 318   | 67.309998          |
| 914BC332-2192-4999-BC60-8367835D5241 | 27               | 239   | 67.309998          |
| 914BC332-2192-4999-BC60-8367835D5241 | 27               | 677   | 67.309998          |
| 914BC332-2192-4999-BC60-8367835D5241 | 16               | 714   | 157.7              |

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Done Local intranet

FIG-16